

## ABSTRACT OF THE DISCLOSURE

A radiation image photographing system with high convenience, efficiency, reliability and expandability wherein when a part of components is broken down, another component can substitute. In the radiation image photographing system, a controller has an operation control information registering section for registering operation control information of the radiation image reading apparatus in the database section, a receiving section for receiving an image read out of the photostimulable phosphor sheet by and outputted from the radiation image reading apparatus, and a display section for displaying the image thereon, a database section has a storing section for storing the operation control information of the radiation image reading apparatus, and a radiation image reading apparatus has an obtaining section for obtaining the operation control information from the database section, and an output section for outputting the image read out of the photostimulable phosphor sheet based on the operation control information.